



DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION



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Advancing the Practice of Food Stamp Nutrition Evaluation: Art and Science

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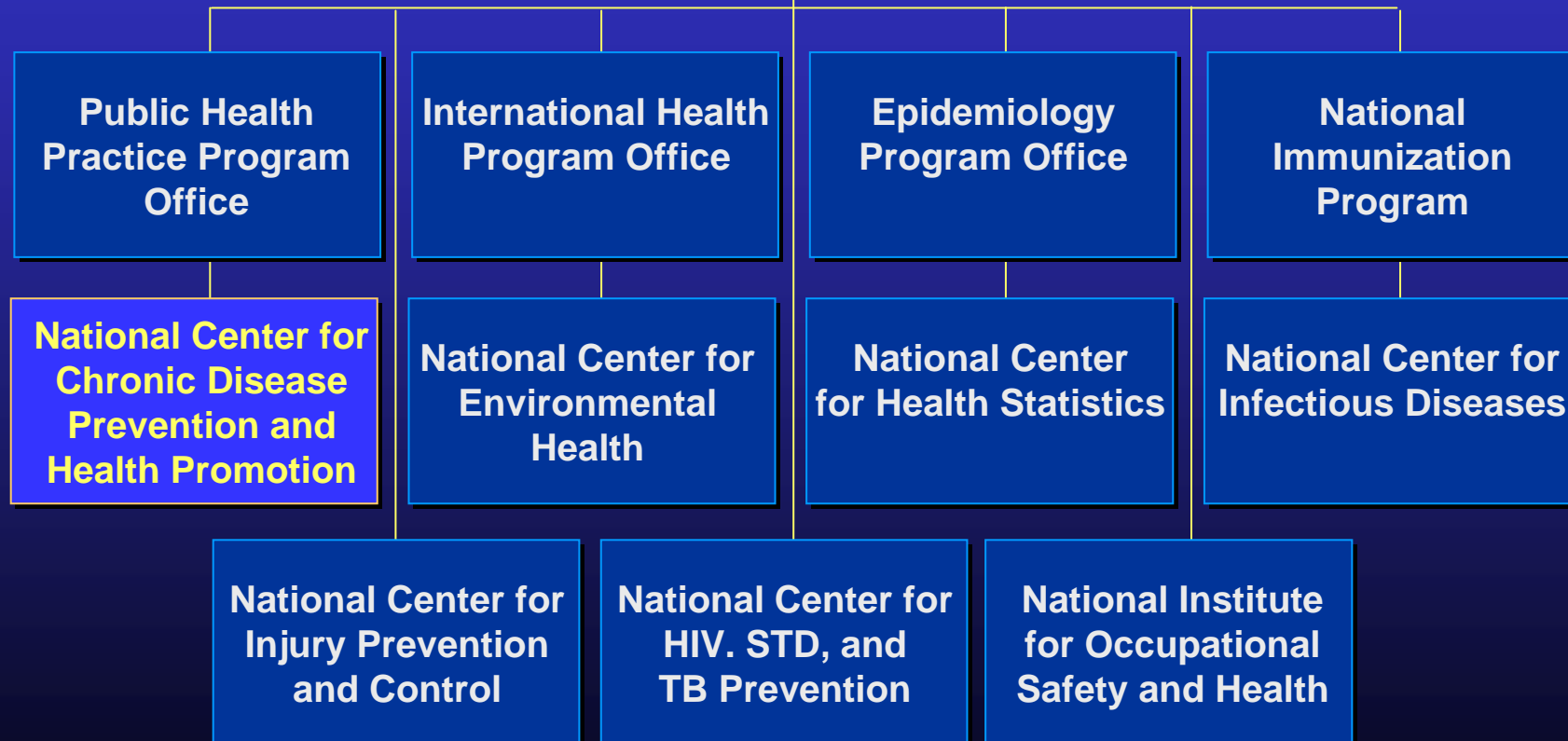
SNE FSNE Workshop

Philadelphia, PA

July 31, 2003



Centers for Disease Control and Prevention



Model of Behavioral Epidemiology

Guidelines, recommendations,
training materials, funding



Policies, programs, service delivery,
provision of benefits



Relevant knowledge, attitudes, skills

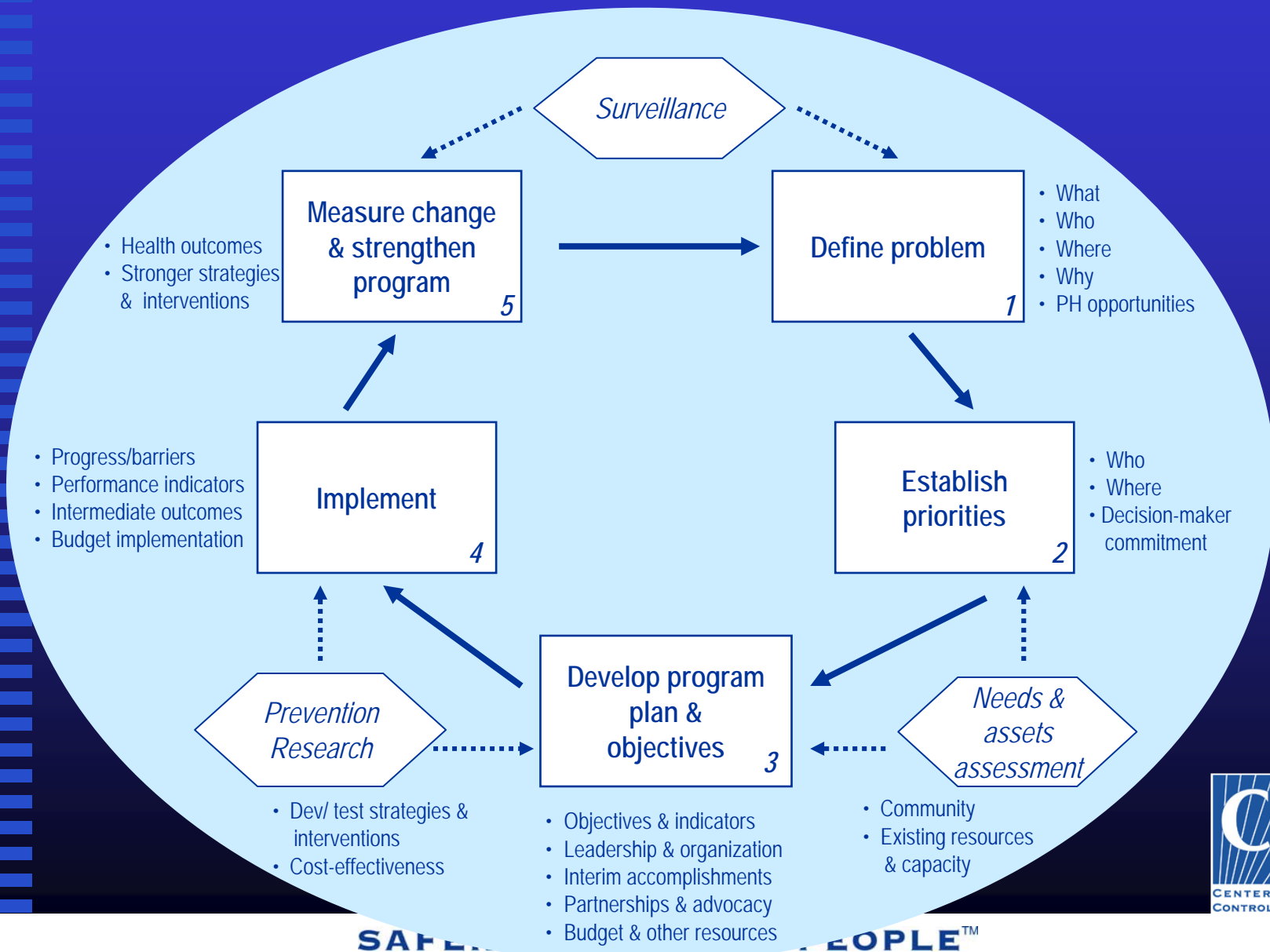


Health behaviors

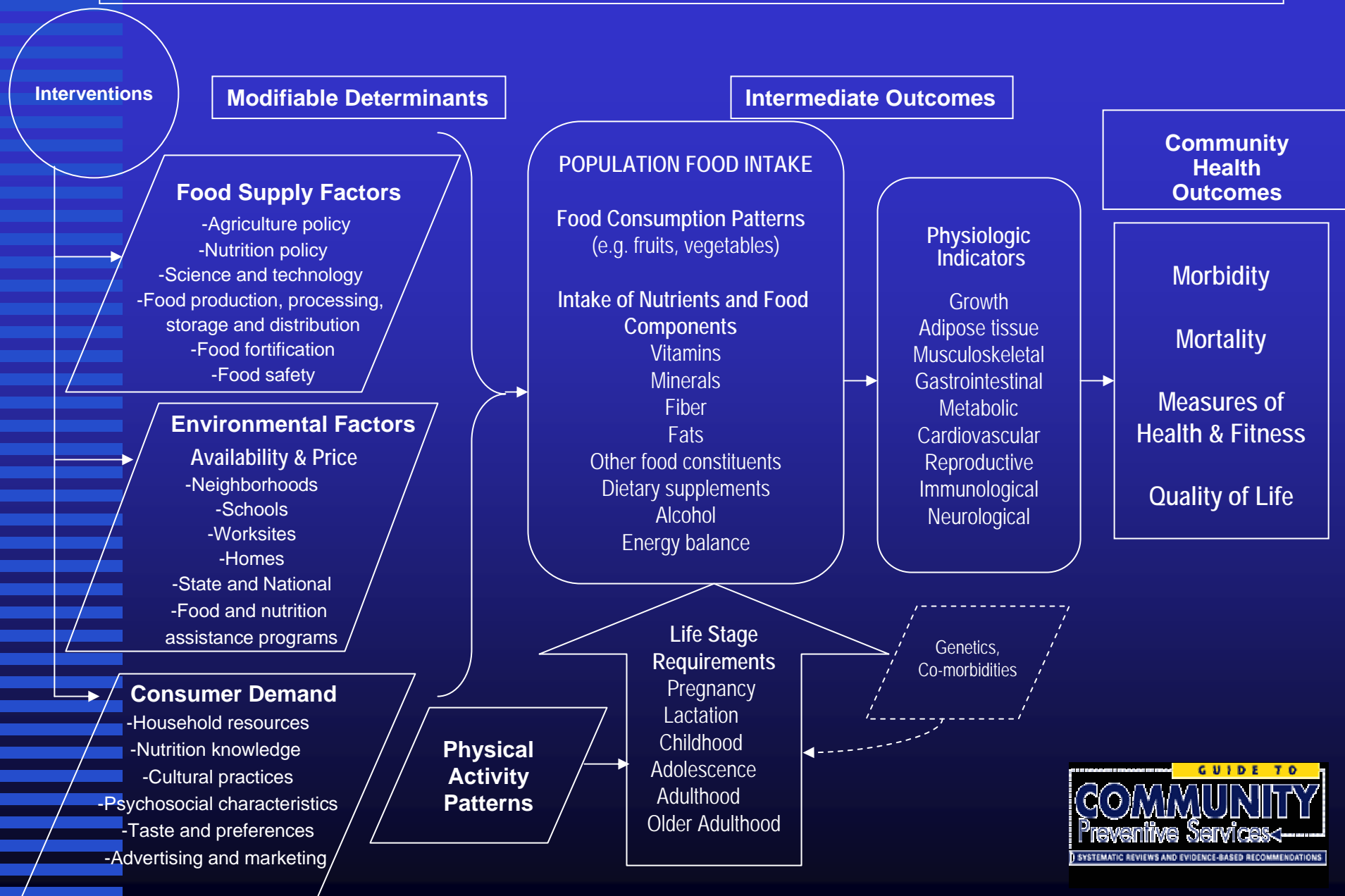


Health and social outcomes, well
being, quality of life

NCCDPHP Program Framework



LOGIC FRAMEWORK ILLUSTRATING CONCEPTUAL APPROACH TO NUTRITION & COMMUNITY HEALTH



Current Surveillance Systems Used by DNPA to Monitor Nutrition Behavior

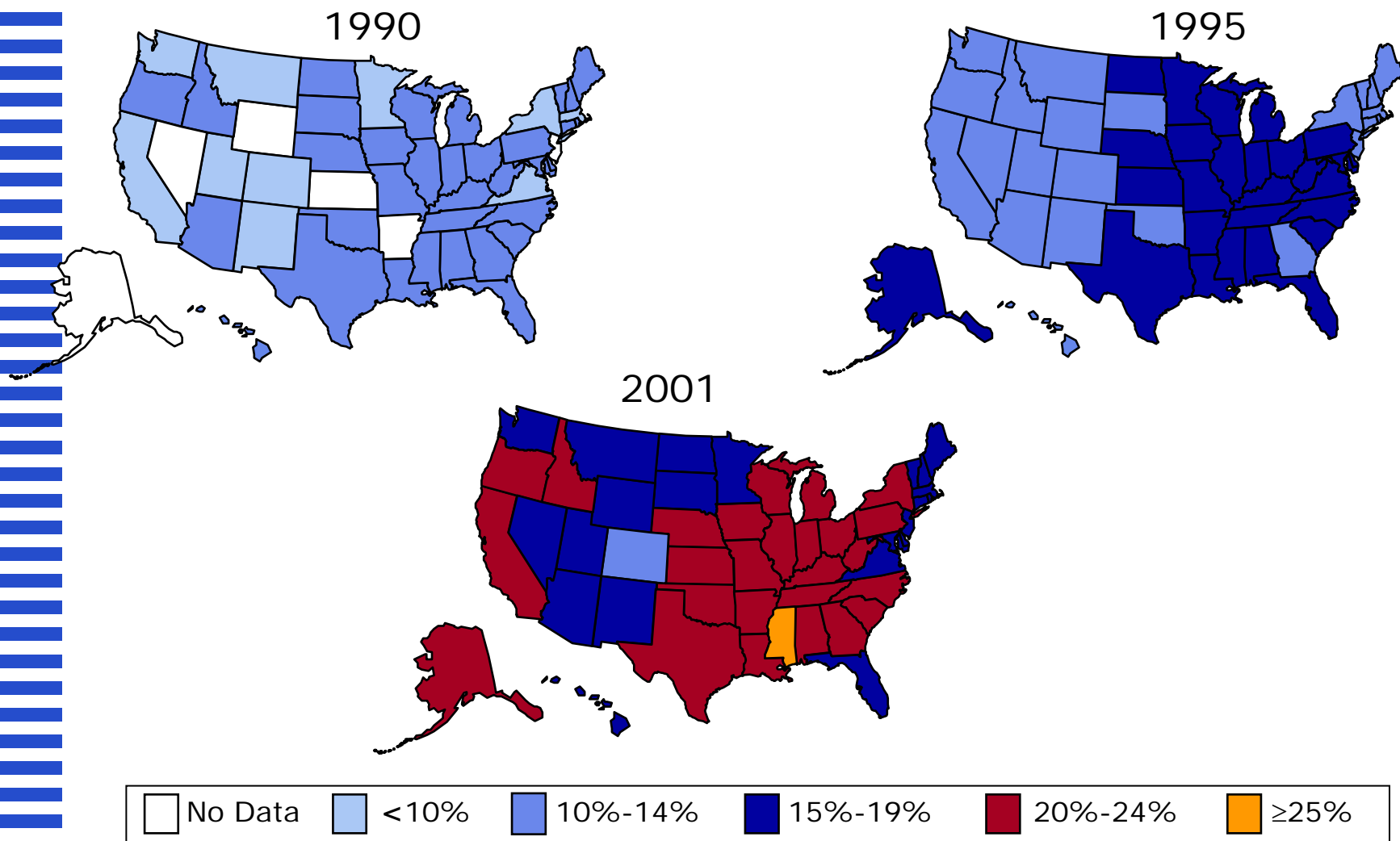
- Behavioral Risk Factor Surveillance System (BRFSS)
- National Health and Nutrition Examination Survey (NHANES)
- Youth Risk Behavior Surveillance System (YRBSS)
- Pediatric Nutrition Surveillance System (PedNSS)
- Pregnancy Nutrition Surveillance System (PNSS)
- School Health Policies and Programs Study (SHPPS)



Obesity Trends Among U.S. Adults

BRFSS, 1990, 1995 and 2001

(*BMI ≥ 30 , or ~ 30 lbs overweight for 5'4" woman)

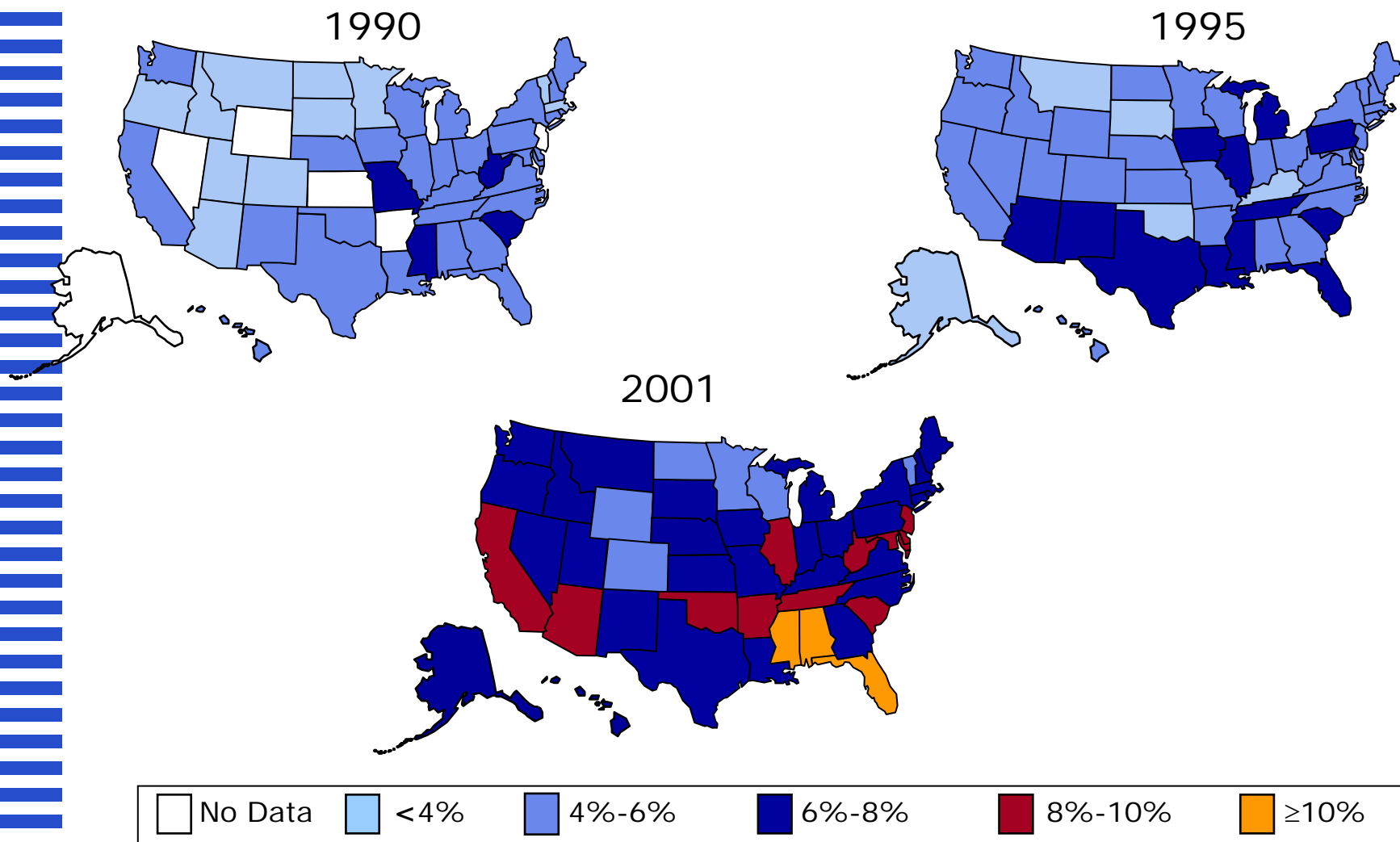


Source: Mokdad A H, et al. *J Am Med Assoc* 1999;282:16, 2001;286:10.

Diabetes Trends Among U.S. Adults

(Includes Gestational Diabetes)

BRFSS, 1990, 1995 and 2001



Source: Mokdad et al., Diabetes Care 2000;23:1278-83; J Am Med Assoc 2001;286:10.

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Current Surveillance Systems Used by DNPA to Monitor Nutrition Behavior

| | National | State | Other |
|--------|----------|-------|-------|
| BRFSS | ✓ | ✓ | |
| NHANES | ✓ | | |
| YRBSS | ✓ | ✓ | ✓ |
| PedNSS | | ✓ | |
| PNSS | | ✓ | |
| SHPPS | ✓ | ✓ | ✓ |

Flexibility for States to Include Optional Questions

| | Yes | No |
|--------|-----|----|
| BRFSS | ✓ | |
| NHANES | | ✓ |
| YRBSS | ✓ | |
| PedNSS | ✓ | |
| PNSS | ✓ | |
| SHPPS | | ✓ |

Pregnancy Nutrition Surveillance System (PNSS)

- States can choose optional questions
 - Government assistance programs
 - WIC
 - Food stamps
 - Medicaid
 - AFDC

Why Evaluate?

- Academic/disciplinary “goodness”
- Political reality – in business and government
 - Government Performance and Results Act (GPRA)
 - President’s Management Agenda
 - Program Assessment and Rating Tool (PART)

NCCDPHP Program Framework

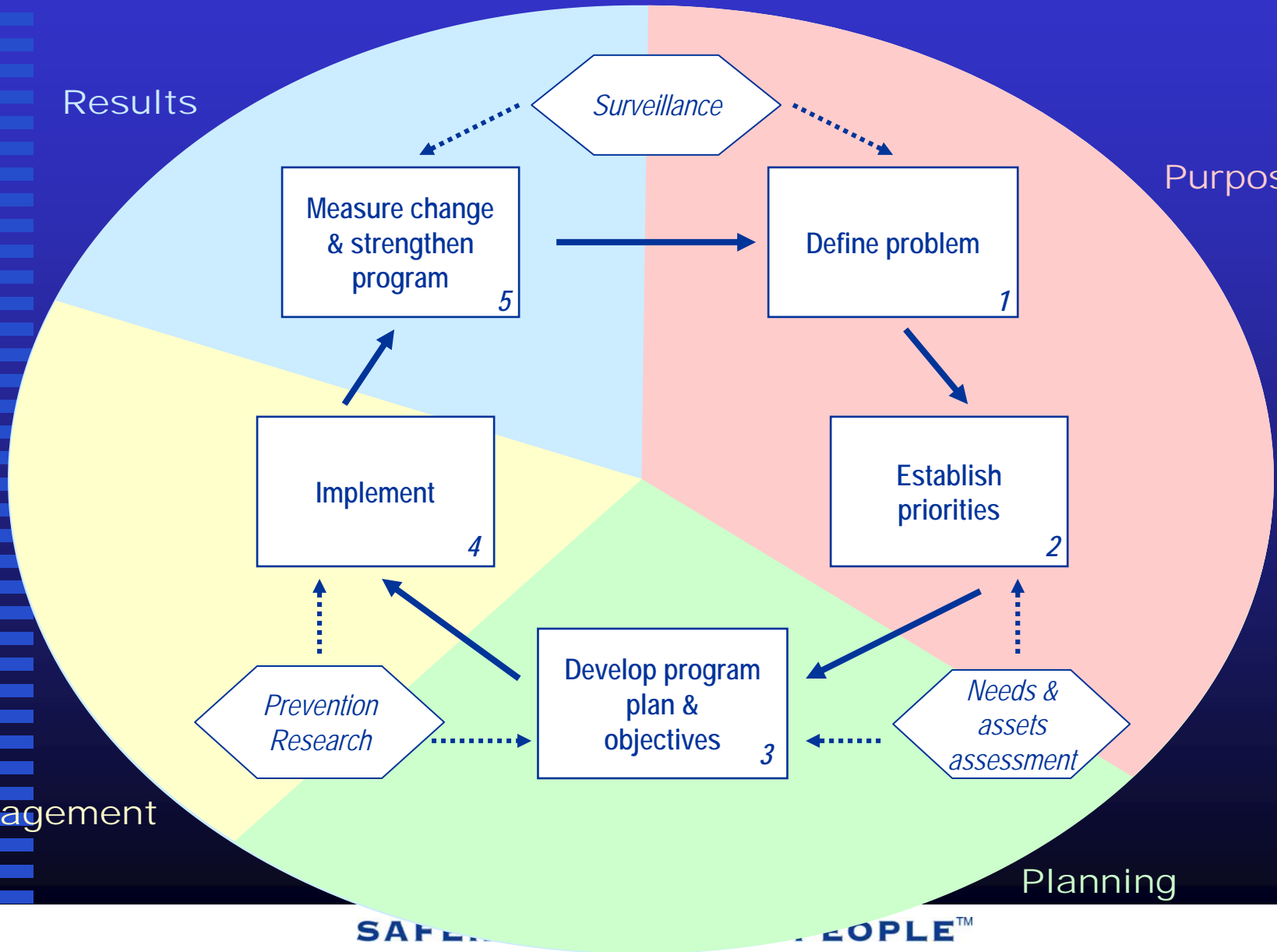
and general mapping to PART

Results

Purpose

Management

Planning



Why Evaluate?

Others Are Asking, Too

- “Is anybody looking at these electronic cards that most of the States have gone to with the Food Stamp program? It would seem to me that you could do some very interesting research with that, in terms of looking at what people are buying, and possibly correlating that with information on obesity, in terms of educational initiatives. I know that is not in your bailiwick. That is in the Department of Agriculture. Is that correct? But it would seem that the CDC could possibly take advantage of that, in terms of a research tool.”
 - *Congressman Roger Wicker (R-1st/MS)*

Evaluation Issues: Choices and Realities

- Research design (e.g., efficacy vs. effectiveness)
- Functionality/practicality of logic model
- Availability of data
- Use of surveillance data
- Comparability of data (e.g., state-national, local-state, local-state-national)
- External factors
- Other important considerations

Lifestyle Choices that Contribute to Obesity





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